

HUNTERS POINT SHIPYARD BASE REALIGNMENT AND CLOSURE CLEANUP TEAM MEETING MINUTES

March 24, 2011

These minutes summarize the meeting of the Hunters Point Shipyard (HPS) Base Realignment and Closure (BRAC) Cleanup Team (BCT) held on March 24, 2011, at the CH2M HILL offices in Oakland, California. Participants in the meeting included the BCT, which is made up of representatives from the Department of the Navy (Navy), the U.S. Environmental Protection Agency (EPA), the California Department of Toxic Substances Control (DTSC), and the San Francisco Bay Regional Water Quality Control Board (Water Board). The City of San Francisco (City), their consultants, the Lennar team of developers, and Navy consultants also attended the meeting. These minutes describe the key points, decisions, and action items agreed to at the meeting. A list of attendees is included as Attachment A. The revised document review table is included as Attachment B. The action items from the meeting are included as Attachment C.

1.0 Navy Business/Action Items (Keith Forman, Navy)

Keith Forman (Navy, Base Environmental Coordinator [BEC]) began the meeting with introductions and a review of the action items from the February 24, 2011 BCT meeting, which included the following:

- Jim Whitcomb (Navy, Deputy Lead Remedial Project Manager [RPM]) will get in contact with the California Department of Public Health (CDPH) about collecting samples at the Buildings 313, 313A, and 322 sites while the excavation sites and trenches are still open. *This is in progress. No change in status from the last meeting. Tracy Jue (CDPH) stated that they are not ready to collect samples. Mr. Whitcomb said that the site is not ready—they are still in the investigation stages.*
- Mr. Whitcomb will provide a copy of the Radiological Program schedule to Steve Hsu (CDPH) to plan and schedule radiological scans and prepare a list of site statuses. *This is in progress. Mr. Forman asked Ryan Miya (DTSC) if CDPH still wants to do a Basewide scan. Mr. Miya said that they need to have the option to conduct the scan so leave it in the schedule.*
- Ms. Jue will find out from Larry Morgan (CDPH) the status of the five samples submitted for confirmatory analysis from Buildings 157, 317, 364, and the 365 expansion area and will send an e-mail to Mr. Miya. *Complete.*
- The Navy will provide the Water Board the rad results from the stormwater in the frac tanks to determine if that water can be used for dust control. *this is in progress. Lara Urizar (Navy, RPM) reported that they still do not have the results.*
- Rafael Montes (San Francisco Bay Conservation and Development Commission [BCDC]) will send an e-mail to Ms. Urizar (requesting topics for discussion at the March 25, 2011 meeting. *Complete.*

2.0 Radiological Update (Melanie Kito, Navy)

Melanie Kito (Navy, Lead RPM) presented in place of Mr. Whitcomb and Chris Yantos (Navy, RPM). Ms. Kito discussed the current radiological work at HPS. At the Parcel E Building 707 Triangle, there are four survey units with ongoing work. The Installation Restoration (IR) Site 04 scrap yard has one survey unit with ongoing work. The Building 406 radiological free-release was received on March 8, 2011. The Building 810 final version of the final status survey (FSS) was issued and the Navy is awaiting the CDPH confirmation survey. The Building 414 draft version FSS comments were received on March 15, 2011. The Sites 701 and 704 draft version FSSs are under Radiological Affairs Support Office (RASO) review.

Ms. Kito noted that Bob Hunt is the Navy RPM for Parcel C. Mr. Whitcomb said that almost everything is completed but the reporting is still underway. A total of 7,150 linear feet and 13,053 cubic yards (yd³) of soil have been excavated as of March 15, 2011. Ms. Kito summarized the FSS progress of the Parcel C buildings. The boiler fire brick removal is completed at Building 203; the field work is ongoing at Building 241; the surveys were completed at Buildings 214, 271, and 272; and the North Pier FSS is on hold because the pier demolition contractor is using the area. Parcel C wants to work on another area instead of being idle while the North Pier demo is underway.

Ms. Kito showed a bar chart detailing the Parcel C and Interior E building statuses. Building 406 has been free-released and the Building 810 FSS is in its final version. Mr. Forman said that Building 810 is ready for CDPH and they are just waiting on the weather to cooperate. The Building 140 discharge tunnel will be completed at the same time.

Mr. Whitcomb stated that they have not found elevated levels of radiological contamination at Parcel D-1. As of March 16, 2011, 8,057 linear feet of sanitary sewer and storm drain lines have been removed. The Navy is using the same 2- by 2-foot scanner and Cesium (Cs)-137 is the only thing that has been detected on the parcel. Mr. Whitcomb said that there are other areas in the Bay Area that also have elevated levels of Cs. The problem is that the Navy set very low action limits. Mark Ripperda (EPA) said that he agrees with the sequestering of the soil while they determine if it is from atmospheric fallout or something Navy related like sandblasting. Mark said that he thinks that they are going about it a little backwards and the regulators should have been consulted. Mr. Whitcomb said that they are using data that they already have. Mr. Miya said that what they are doing now with the data should be done in coordination with the regulators. Mr. Forman stressed that the Navy needs to use the time that they have wisely. Mr. Whitcomb said that they should set up a meeting to discuss with the regulators. Mr. Whitcomb said that they need to have solid arguments if they are going to change action limits. The Navy needs to have time to go over the data that they have before they move forward. Mr. Ripperda said that he wants Rob Terry (EPA) to be on the phone with CDPH to discuss the issue.

Ms. Kito discussed the current work status of the Gun Mole Pier. The gamma walk-over scan survey and field instrument for the detection of low energy radiation (FIDLER) survey was completed. She noted that RASO required the Navy to use the FIDLER on this site. Mr. Forman said that it is an expensive survey, but necessary. Sixty-three survey units were evaluated—20 survey units showed detections above the investigation level and were further investigated. Investigation sample results received to date for 13 of the 20 survey units showed no

radionuclides of concern (ROCs) above the release levels. Ms. Kito discussed the field work of the South Pier. Mr. Miya asked Mr. Whitcomb about the Cs-137 detections on the South Pier and if they were found on the surface scan or in the sewer and storm drain system. Mr. Whitcomb answered that they were detected on the surface and no detections have been found in the sanitary sewer or storm drain lines. One survey unit with a Radium (Ra)-226 detection was above the release criteria. Mr. Whitcomb said that they have to free-release the whole Gun Mole Pier. The radiologically impacted soil containing Cs-137 was excavated and transported to Radiological Screening Yard (RSY)-2. Additional surveying and sampling was completed and the Navy is awaiting results. The radiologically impacted soil containing Ra-226 was excavated and disposed of as low-level radiological waste (LLRW). Additional surveying and sampling was completed and the Navy is awaiting results. No radiological detections were above the investigation levels at Building 274. The Navy is developing an internal draft FSS report. At Building 383, the building slab foundation and asphalt removal was completed. The gamma scans and soil samples analytical results showed no results above release limits for ROCs. The Navy is developing an internal draft FFS report. The Buildings 313, 313A, and 322 sites have been surveyed and sampled. Elevated levels of Cs-137 and Ra-226 were above the action limits. The Navy revised the task-specific plan (TSP) for additional surveying, sampling, and remediation. The additional surveying and sampling was completed and the data indicated two additional detections of Cs-137 above the release levels.

Ms. Kito discussed the upcoming field work in Parcel D-1. The Navy is going to continue to remove the sanitary sewer and storm drain lines. The Building 313, 313A, and 322 sites will have additional surveying, sampling, and remediation conducted and the Navy will work to define the new FSS boundaries. The Navy will continue the Rad gamma surveys and sampling for the Gun Mole Pier and evaluate the data. The Navy will evaluate the additional analytical results from the South Pier for Survey Units 9, 10, 11, and 12. The Navy will also continue to develop and submit the survey unit project reports (SUPRs) and begin backfilling trenches with RASO approval of the SUPRs.

Ms. Kito discussed the Parcel E 500 series. The execution plan and the design plan were previously issued as final versions. Mr. Miya asked when they should receive the technical memorandum. Ms. Kito said that the technical memorandum is currently under review by RASO. Ms. Kito said the Navy is going to coordinate with Mr. Hsu about a meeting to discuss the parameters for the dose modeling. Mr. Whitcomb said that they are having trouble finding a date for the meeting; he will work with RASO to send out some proposed dates.

3.0 Parcel C Remedial Design (RD) and Pre-characterization (Bob Hunt, Navy)

Parcel C RD Overview:

Bob Hunt (Navy, RPM) began the Parcel C RD overview presentation. He explained that the Parcel C RD is going to be completed by one contractor and that two separate contractors will perform the remedial action. The feasibility study (FS) was completed in 2008. The treatability study (TS) for Remedial Unit (RU)-C1 was completed in 2010. The TS for RU-C5 is ongoing. The record of decision (ROD) was signed in 2010. Mr. Hunt summarized the content of the RD. The RD was prepared to meet the requirement of the Parcel C ROD. The RD report package includes the basis of the design report and calculations and drawings.

Mr. Hunt showed a figure that detailed the chemicals of concern (COCs) in soil above the remedial goals (RGs). Mr. Hunt showed a typical soil vapor extraction (SVE) design layout showing RU-C4. There are seven areas that have abiotic/biotic degradation of VOCs exceeding RGs. Aerobic bioremediation will be conducted as needed following the anaerobic bioremediation. Mr. Ripperda asked if there will be land use restrictions. The contractor said that there will be restrictions, and there will be a cap on the area. Single-family homes will not be built there, but possibly condominiums or multi-story buildings. Ms. Brownell said that this might be the first ROD where they will not need restrictions on land use because the reuse is already set. Mr. Hunt discussed the upcoming work at Parcel C in 2011. They will perform the initial characterization investigation prior to completing the RD and remedial action, perform parcel-wide soil gas investigations to refine treatment areas, and begin remedial action implementation (SVE and groundwater remediation). The initial characterization studies will be completed before the documents are finalized. Radiological excavation and building clearances are ongoing. Mr. Austin asked about the final decision for the Buildings 211, 253, and 231 sites. Ms. Kito said that it is a little premature to decide about the buildings.

RU-C2 Remedial Action:

Mr. Hunt gave a review of RU-C2. Sarah Kloss (EPA) asked if this is the area where no treatability studies have been done. Mr. Forman said that the RU-C2 treatability study was completed, but it was a long time ago. The pre-design investigation work plan includes a volatile organic compound (VOC) plume characterization in support of in-situ remediation. The purpose is to define the area warranting SVE. Mr. Hunt said that they will use direct-push technology (DPT) to collect the samples. Fifteen locations are slated for soil and soil vapor characterization. Steve Hall (Tetra Tech EMI) said that when they did the ROD, the vapor survey was supposed to be conducted before the SVE. The contractor said that it is not a vapor intrusion issue. Ms. Kloss asked when the soil gas samples were collected. The contractor said that they are not soil gas but shallow samples that were collected. He said that it has been several years since the samples were collected. Mr. Hunt summarized the future activities and the proposed schedule.

Parcel C Remedial Action:

Mr. Hunt pointed out the location of Parcel C and RUs, discussed the purpose of the characterization, pointed out specific characterization areas, and summarized the schedule. The purpose of the characterization is to evaluate the current groundwater and soil vapor conditions prior to the remedial action to ensure that it is consistent with the Parcel C FS and to address groundwater, soil, and soil vapor contamination in and around RU-C1, RU-C4, and the southern portion of RU-C5 (IR-06). He showed the locations of the grab groundwater sample locations on RU-C5. He talked about the step-out step in the criteria. Mr. Miya asked about the basis for the criteria. Mr. Hunt answered that they are the same goals for RU-C2. Mr. Hunt concluded his presentation with a summary of the schedule.

4.0 Pier Demo Update (Melanie Kito, Navy)

Ms. Kito presented in place of Jackie Dunn (Navy, RPM). Ms. Kito showed pictures of the dilapidated piers. The work plan for the pier demolition work has been approved. The pre-demolition surveys are completed and the equipment will be mobilized during the week of March 14, 2011. The demolition and radiological screening activities started this week. After demolition, the Navy will conduct post-demolition surveys, equipment decontamination if

necessary, and prepare a removal action completion report (RACR). She presented a photos of the piers and the depths of the water surrounding the piers. Mr. Miya asked if the water depth survey is sensitive enough to pick up anything that may have been left after demolition. Mr. Forman said that they have a higher level of definition besides the colors shown in the handout. Mr. Miya asked if the boom prevents sediment from migrating to the Bay. The contractor said that it just prevents floating material from migrating into the Bay. Melanie discussed the schedule and said that hopefully they will be able to demobilize by September 2011 and have the final report completed by February 2012.

5.0 TPH and Tank 113A Update (Simon Loli, Navy)

Simon Loli (Navy, RPM) discussed the timeline of prior events at the site. He explained that historically, non-aqueous phase liquid (NAPL) was not present at this site. He said that they found 6 inches of product in Well IR46MW49A. The product was described as tan in color with a strong petroleum odor. He went over the completed activities for IR46MW49A and the excavation and Parcel B investigation. The visible product was vacuumed out from the open excavation and contaminated soil was removed from the site and Buildin 130. Approximately 3,000 yd³ of soil was excavated and staged in a designated stockpile. Confirmation sampling was conducted from the excavation sidewall soils. The site was then backfilled and restored. He also discussed other completed tasks at the NAPL site and Parcls B, D-1, and G. The Navy installed 12 new soil vapor probes and successfully collected soil vapor samples. They collected isolated petroleum occurrences (IPO) soil and grab groundwaer samples from 17 soil borings in Parcels B and G with additional soil and groundwater samples in Parcel B at IR46BO15 per the Water Board's request.

Mr. Loli described the utilidor that was located at the site. It was 10 feet deep and was used for all utilities. Mr. Miya asked if there were any samples in the bottom at 17 feet. Ken Leonard (Innovative Technical Solutions, Inc. [ITSI]) said that they do not ususally collect samples below 10 feet in an excavation; they were 7 feet below groundwater. Mr. Loli said that there is a mistake on the old map and pointed out the actual location of the gap in the quay wall. He noted that the first quarter of results look good and that the total petroleum hydrocarbon (TPH) gas was non-detect in the CAA-21 area. Mr. Loli presented several pictures of the excavation of the NAPL.

Mr. Loli discussed the underground storage tank (UST) found at Building 113A. He said that the tank used to be an aboveground storage tank (AST) and was buried at some point; he pointed out the legs on the tank. Mr. Loli summarzied the contents of the tank. Based on the analyses, they can conclude that the tank did not create any subsurface impacts. The contents indicated high chromium concentrations. Ms. Braesamle asked if it was a waste tank and if it had an overflow. Mr. Leonard said that it was connected to a vent and he did not think that it had an overflow. She asked how the tank was filled. Mr. Leonard said that there was a valve on the side of the building.

Mr. Loli concluded with active and ongoing tasks. The constuction summary reporting on the Parcel B NAPL excavation is in progress. Ms. Kito said that the tank was more work than anticipated. She stated that they had to do an action memorandum (AM) because of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) work. Mr. Austin asked about the area of concern (AOC)-46 closeout report. He asked what the source would have been in the subsurface. Mr. Leonard said that the fuel delivery system is most likely

the source. Mr. Miya asked if the piping has been removed. Mr. Leonard confirmed that it had been removed. Mr. Ripperda asked how the ambient levels compare to background levels. Mr. Leonard said that he has all of the data and they are all below Hunters Point ambient levels (HPALs).

6.0 Early Transfer Schedule Update (Melanie Kito, Navy)

Ms. Kito provided an update of the early transfer schedule. She noted that the UC-1 and UC-2 remedial action contract was going to be awarded this summer but there are not funds for the project right now. The shipshielding area is also delayed. The final version of the FS for Parcel E-2 been delayed until April 2011.

7.0 Community Involvement Update (Keith Forman, Navy)

Mr. Forman presented the community involvement update. The community involvement plan (CIP) was released to the community on March 8, 2011. The Navy has not yet received a request for an extension. The CIPs are in four different libraries in the community and several copies of the document are available at each location. A broadcast e-mail was sent to the community on March 8, 2011. The e-mail included the CIP as an attachment and included a link to the Navy Web site to download the document. The e-mail also included a reminder regarding the upcoming community meetings on March 23, 2011, and April 2, 2011. The e-mail also included information about where the document is located in the community. A broadcast e-mail was sent on March 17, 2011, notifying the community about the draft version of the CIP and the Early Transfer community informational meetings.

Mr. Forman stated that the Navy participated in two radio shows yesterday; there were lots of call ins and great questions. Mr. Miya asked about the types of questions that were received. Most questions were about the environmental cleanup and a couple were regarding the CIP. Leslie Lundgren (Kleinfelder/CH2M HILL Joint Venture [KCH]) said that Ida Choy attributes the raise in radio viewers calling into the program to the Navy presence on the air the previous month. Mr. Forman said that the radio shows are very easy to do, he was able to do two before the community meeting last night, and said that they seem to be an effective way to inform the community.

The Asian community requested that weeknights are not good for meetings and that they would prefer Saturday meetings. Mr. Austin asked about going door to door and handing out flyers. Mr. Forman said they have determined that it is not effective and not a good use of time.

Mr. Ripperda asked about the community involvement manager. Mr. Forman said that they need to live in the community and have a flexible schedule, including Saturdays. He said that they have a comparable person at Fort Ord. Keith said that the Navy has no problem with EPA or another agency be present during the interview process for the community involvement manager. He said that there will also be community liaisons for the Latino, Asian, and other specific communities in the area. Mr. Ripperda noted that if the Navy being on radio talk shows turned out to reach more people, possibly monthly meetings were not always necessary.

The Navy will continue to send monthly e-mails letting the community know about dates and topics of upcoming meetings. They plan to alternate the meeting locations every month in hopes of reaching new community members.

Action Items/Future Meetings (Keith Forman, Navy)

The next BCT meeting will be held on April 28, 2011, at CH2M HILL in Oakland, California. Action items are included as Attachment C.

ATTACHMENT A:**HUNTERS POINT SHIPYARD
MEETING ATTENDANCE SHEET**

Topic: BCT Meeting
 Location: CH2M Hill
 Oakland, CA
 Date/Time: March 24, 2011 / 10:00 a.m.

Organization	Name	Phone Number	E-Mail Address	Present
Navy	Keith Forman	619-532-0913	keith.s.forman@navy.mil	X
	Melanie Kito	619-532-0787	melanie.kito@navy.mil	X
	Jim Whitcomb	619-532-0952	james.h.whitcomb@navy.mil	X
	Lara Urizar	619-532-0960	lara.urizar.ctr@navy.mil	
	Hamide Kayaci	619-532-0930	hamide.kayaci.ctr@navy.mil	
	Chris Yantos	619-532-0952	christopher.yantos.ctr@navy.mil	
	Simon Loli	619-532-0782	simon.loli.ctr@navy.mil	X
	Laurie Lowman	757-887-7650	laurie.lowman@navy.mil	
	Matt Slack	757-887-4212	matthew.slack@navy.mil	
	Zack Edwards	757-887-4692	zack.edwards@navy.mil	
	Chris Dirscher	510-749-5947	christopher.dirscher@navy.mil	
	Frank Fernandez	510-749-5936	franklin.d.fernandez@navy.mil	
	Jarvis Jensen	757-887-4483	jarvis.jensen@navy.mil	
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	Shane Wells	510-749-5922	robert.s.wells@navy.mil	
	Jackie Dunn	619-532-0777	jacqueline.dunn@navy.mil	X
	Bob Hunt	619-532-0962	robert.a.hunt.ctr@navy.mil	X
U.S. EPA	Mark Ripperda	415-972-3028	ripperda.mark@epa.gov	X
	Sarah Kloss	415-972-3156	kloss.sarah@epa.gov	X
	Jackie Lane			X
DTSC	Ryan Miya	510-540-3775	rmiya@dtsc.gov	X
	Michelle Dalrymple	510-540-3926	mdalrymple@dtsc.ca.gov	
RWQCB	Ross Steenson	510-622-2445	rsteenson@waterboards.ca.gov	X
CDPH	Jeff Wong	510-620-3423	jeff.wong@cdph.ca.gov	X
	Tracy Jue	916-324-4808	tracy.jue@cdph.ca.gov	
	Kurt Jackson			X
	Larry Morgan			
	Steve Hsu	916-440-7940	steve.hsu@cdph.ca.gov	
CDFG	Charlie Huang	916-324-9805	chuang@ospr.dfg.ca.gov	
	Tammy Nakahara	916-324-8452	tnakahara@ospr.dfg.ca.gov	
City of SF	Amy Brownell	415-252-3967	amy.brownell@sfdph.org	X
	Sigrida Reinis	415-955-9040	sreinis@treadwellrollo.com	X
	Dorinda Shipman	415-955-9040	dcshipman@treadwellrollo.com	
Geosyntec	Jeff Austin	415-218-0027	jasustin@geosyntec.com	X
BVHP/Lennar	Steve Rottenborn	408-458-3205	srottenborn@harveyecology.com	

Organization	Name	Phone Number	E-Mail Address	Present
Tech Law Inc., <i>EPA contractor</i>	Karla Brasaemle	415-281-8730	kbrasaemle@techlawinc.com	X
	Tom Hall			
<i>Navy contractors</i>				
Tetra Tech EM Inc.	Steve Hall	619-321-6709	steve.hall@ttemi.com	X
	Tim Mower	313-312-8874	tim.mower@ttemi.com	
Tetra Tech EC, Inc.	Bill Dougherty	415-216-2731	bill.dougherty@tetrattech.com	
Sealaska Environmental Services	Lauren Cason	619-564-8329	lauren.cason@sealaska.com	X
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	Charlie Almestad	510-628-9000	calmestad@kleinfelder.com	
KCH	Leslie Lundgren	415-541-7110	leslie.lundgren@ch2m.com	X
ERRG	Doug Bielskis	925-726-4119	doug.bielskis@errg.com	X
	John Sourial	415-848-7103	john.sourial@errg.com	
ITSI	Jim Schollard	925-946-3107	jschollard@itsi.com	
	Brett Womack	925-250-8077	bwomack@itsi.com	
	Ken Leonard		kleonard@itsi.com	X
Jonas and Associates	Gilbert Yousif	415-559-8232	gyousif@jonasinc.com	X
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TN & Associates	Suman Sharma	510-223-1344	ssharma@otiesolutions.com	
	Mike Quillin	925-286-9043	mquillin@onsesolutions.com	
CDM	Tamzen Macbeth	208-569-5147	macbethtw@cdm.com	
	Matt Brookshire	858-268-3383	brookshirems@cdm.com	
Arc Ecology	Mike McGowan	415-643-1190	mikemcgowan@arcecoecology.org	X
BCDC	Ethan Lowry	732-309-2934		
	Rafael Montes	415-352-3670	rafaelm@bcd.ca.gov	X
	Ian McConnaba	510-590-6027		

**ATTACHMENT B-1: COMPLETED REVIEW PERIODS
HUNTERS POINT SHIPYARD DOCUMENT REVIEW TABLE**

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	RWQCB	City of SF
1	B, E-2	Draft Work Plan for Geotechnical Investigation at Parcel E-2 (IR site 01/21) & Parcel B (IR Site 26)	1/6/11	2/6/11			2/8/11	2/9/11	
2	B	Final Package 7 Survey Unit Project Reports (22, 30, 33, and 41)	1/7/11	n/a					
3	B, D-1, G, and UC-2	Replacement pages for the Final Work Plan for Soil Gas Investigation in Support of Vapor Intrusion Assessment Parcels B, D-1, G and UC-2, Hunters Point Shipyard, San Francisco, CA, dated December 2010	1/10/11	n/a					
4	B	Final - Package #17 Survey Unit Project Reports (36, 59, 61, 62, and 63)	1/11/11	n/a					
5	B	Final Package #8 Survey Unit Project Reports (13, 14, 19, 20, and 21)	1/11/11	n/a					
6	G	Replacement Pages for the Revised Final Land Use Control Remedial Design Report	1/11/11	n/a					
7	B	Final Package #9 Survey Unit Project Report (42,45,47,52)	1/13/11	n/a					
8	B	Final Survey Unit Project Report (15,17,18,29,40)	1/13/11	n/a					

**ATTACHMENT B-1: COMPLETED REVIEW PERIODS (cont.)
HUNTERS POINT SHIPYARD DOCUMENT REVIEW TABLE**

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	RWQCB	City of SF
9	B	Final - Package 5 Survey Unit Project Report (23,25,26,27,28)	1/13/11	n/a			9	B	Final - Package 5 Survey Unit Project Report (23,25,26,27,28)
10	B	Final Package 6 Survey Unit Project Report (24,39,43,44,46)	1/13/11	n/a			10	B	Final Package 6 Survey Unit Project Report (24,39,43,44,46)
11	B	Final Package #18 Survey Unit Project Report (37,48,49,51A)	1/13/11	n/a			11	B	Final Package #18 Survey Unit Project Report (37,48,49,51A)
12	B	Final Package #19 Survey Unity Project Report (53,56,65)	1/13/11	n/a			12	B	Final Package #19 Survey Unity Project Report (53,56,65)
13	E	Final Execution Plan, Parcel E,500 Series Area Radiological Remediation and Support	1/20/11	n/a					
14	B	Final Package #10 Survey Unit Project Reports (54,57,58,60,64)	1/25/11	n/a					
15	B	Final Package #11 Survey Unit Survey Projects (125,126,127,128,130,131,132)	1/25/11	n/a					
16	Basewide	Final Execution Plan, Base Wide Radiological Support.	1/26/11	n/a					

**ATTACHMENT B-1: COMPLETED REVIEW PERIODS (cont.)
HUNTERS POINT SHIPYARD DOCUMENT REVIEW TABLE**

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	RWQCB	City of SF
17	B	Final Package #20 Survey Unit Survey Projects (50,50A,51,55)	1/26/11	n/a					
18	C	Draft In situ Anaerobic bioremediation treatability study completion report. RU-C-1, Building 253.	1/27/11	2/28/11			2/18/11	3/7/11	
19	D-1,D-2, G	Final - Petroleum hydrocarbon Site Closeout Report Parcels D-1,D-2, and G	1/28/11						
20	B	Final Survey Unit Project Reports for Units 7,10	1/31/11	n/a					

**ATTACHMENT B-2: CURRENTLY UNDER REVIEW
HUNTERS POINT SHIPYARD DOCUMENT REVIEW TABLE**

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	RWQCB	City of SF
1	B	Final Final Status Survey Results, Building 810	2/1/11	3/4/11					
2	E	Draft Package #35 Survey Unit Survey Projects (157,158,159, and 160)	2/3/11	3/7/11			3/4/11		
3	E	Draft Package #36 Survey Unit Project Reports (161,162,163,165)	2/8/11	3/10/11			3/4/11		
4	B, E-2	Final Work Plan for Geotechnical Investigation	2/8/11	n/a					
5	UC-1,UC-2	Findings of Suitability to Transfer for Parcels UC-1 and UC-2	2/11/11				3/10/11	3/9/11	
6	D-1	Final Remedial Design Package Parcel D-1,	2/11/11	n/a					
7	E	Final Status Survey Results Unit 70, Building 414	2/15/11	3/17/11			3/22/11		
8	E	Draft Parcel E Groundwater Treatability Study Technical Report	2/16/11	3/18/11				3/18/11	3/17/11

ATTACHMENT B-2: CURRENTLY UNDER REVIEW (continued)
HUNTERS POINT SHIPYARD DOCUMENT REVIEW TABLE

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	RWQCB	City of SF
9	E	Final Design Plan Work Area 36, Parcel E 500 Series Radiological Remediation Support	2/18/11						
10	G	Final Survey Unit Project Reports (SUPR) for units 74,75,76,77,and 78 Pkg 23	2/22/11						
11	Basewide	Semiannual Groundwater Monitoring Report (April - September 2010), HPS, SF, CA	2/24/11						
12	G	Final Survey Unit Project Reports (SUPR) for units 79,80,81,82,and 83 Pkg 24	2/25/11						
13	G	Final Survey Unit Project Reports (SUPR) for units 85,86,87,88 and 89 Pkg 25	2/25/11						
14	D-1, G	Final Parcels D-1 and G Groundwater Treatability Study Technical Report, IR-09, IR-33, and IR-71, HPS, SF, CA	3/1/10						
15	UC-1,UC-2	Final RACR	3/2/11	4/4/11	Concurrence				
16	B	Draft - Final Status Survey Results, Building 103, HPS, SF, CA	3/3/11	4/2/11					

ATTACHMENT B-2: CURRENTLY UNDER REVIEW (continued)
HUNTERS POINT SHIPYARD DOCUMENT REVIEW TABLE

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	RWQCB	City of SF
17	E-2	Final Radiological Addendum for the RI/FS with RTCs	3/4/11	n/a					
18	Basewide	Draft Community Involvement Plan	3/8/11	4/8/11					
19	G	Final Survey Unit Project Reports (SUPR) for units 124,129,151,153,84Pkg 32	3/15/11	n/a					
20	G	Final Survey Unit Project Reports (SUPR) for units 66,67,68,69 Pkg 21	3/17/11	n/a					
21	G	Final Survey Unit Project Reports (SUPR) for units 70,71,72,73 Pkg 22	3/17/11	n/a					
22	G	Final Survey Unit Project Reports (SUPR) for units 95,96,97,98,99 Pkg 27	3/17/11	n/a					
23	G	Final Survey Unit Project Reports (SUPR) for units 103,104,105,106,107 Pkg 28	3/17/11	n/a					
24	G	Final Survey Unit Project Reports (SUPR) for units 109,110,111,112 Pkg 29	3/17/11	n/a					

ATTACHMENT B-2: CURRENTLY UNDER REVIEW (continued)
HUNTERS POINT SHIPYARD DOCUMENT REVIEW TABLE

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	RWQCB	City of SF
25	G	Final Survey Unit Project Reports (SUPR) for units 119,120,121,122,123 Pkg 31	3/17/11	n/a					
26	G	Final Survey Unit Project Reports (SUPR) for units 113,114,116,117,118,Pkg 30	3/17/11	n/a					
27	C	Draft Remedial Design	3/21/11	4/21/11					

**ATTACHMENT B-3: UPCOMING REVIEW PERIODS
HUNTERS POINT SHIPYARD DOCUMENT REVIEW TABLE**

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	RWQCB	City of SF
1	E-2	Shipshielding TCRA-Draft Action Memorandum	3/29/11	30 days from submittal date	Date Tentative				
2	E-2	Draft Work Plan - Shipshielding TCRA	3/29/11	30 days from submittal date	Date Tentative				
3	E-2	Draft Proposed Plan (to BCT)	4/11/11	30 days from submittal date	Date Tentative				
4	C	Draft Pre-Design Work Plan RU-C2	4/11/11		Date Tentative				
5	C	Draft Final or Final? GWTS Technical Report-RU C1	4/14/11		Date Tentative				
6	B,D- 1,G,UC-2	Draft Soil Gas Survey Tech Memo	4/15/11	30 days from submittal date	Date Tentative				
7	B	Final - Petroleum hydrocarbon Site Closeout Report Parcel B, Vol 1 and 2	4/15/11	n/a	Date Tentative				
8	E	Draft IR03 Work Plan	4/15/11	30 days from submittal date	Date Tentative				
9	E-2	Final RI/FS with RTCs	4/22/11	n/a	Date Tentative				
10	Basewide	Submit Final CIP	4/28/11		Date Tentative				

ATTACHMENT B-3: UPCOMING REVIEW PERIODS (continued)
HUNTERS POINT SHIPYARD DOCUMENT REVIEW TABLE

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	RWQCB	City of SF
11	C, E	Draft Soil Vapor Sampling Workplan	5/15/11		Date Tentative				
12	E	Final Parcel E Groundwater Treatability Study Technical Report	5/18/11	30 days from submittal date	Date Tentative				
13	C	Draft GW Characterization and Soil Vapor (RU-C1, RU-C4, RU-C5) in support of RA	5/26/11		Date Tentative				
14	F	Final Radiological Data Gap Investigation Work Plan	5/30/11	n/a	Date Tentative				
15	B,D-1,G,UC-2	Final Soil Gas Survey Tech Memo	5/30/11	n/a	Date Tentative				
16	E	Draft Final Parcel E Feasibility Study	6/3/11		Date Tentative				
17	E	Draft Final Parcel E Radiological Addendum	6/17/11		Date Tentative				
18	C	Draft TPH Work Plan	6/30/11		Date Tentative				
19	E	Final TPH CAP Work Plan	6/30/11	n/a	Date Tentative				

Notes:

*	Comments deferred to other agency	PCB	Polychlorinated biphenyl
CAP	Corrective Action Plan	ROD	Record of decision
CDPH	California Department of Public Health	RI	Remedial investigation
DTSC	Department of Toxic Substances Control	RTC	Response to comment
EPA	U.S. Environmental Protection Agency	RWQCB	San Francisco Bay Regional Water Quality Control Board
FOSET	Finding of suitability for early transfer	SF	San Francisco

FOSL	Finding of suitability to lease	SUPR	Survey Unit Project Report
FOST	Finding of suitability to transfer	TCRA	Time critical removal action
FS	Feasibility study	TPH	Total petroleum hydrocarbon
FSS	Final status survey		
n/a	Not applicable		

ATTACHMENT C: HUNTERS POINT SHIPYARD BASE REALIGNMENT AND CLOSURE CLEANUP TEAM ACTION ITEMS

Item No.	Action Item	Person Authoring the Action Item	Due Date	Person/Agency Committing to Action Item	Resolution Status
New Action Items					
1	Jim Whitcomb will coordinate some potential dates with RASO for the meeting in Sacramento to discuss the parameters for dose modeling and finalize a meeting date with DTSC and CDPH.	Jim Whitcomb, Navy		Jim Whitcomb, Navy	
Outstanding Action Items					
2	Mr. Whitcomb will get in contact with CDPH about collecting samples at the Buildings 313, 313A, and 322 sites while the excavation sites and trenches are still open.	Jim Whitcomb, Navy		Jim Whitcomb, Navy	In progress. No change in status from February 2011 meeting. Tracy Jue (CDPH) stated that they are not ready to collect samples.
3	Jim Whitcomb will provide a copy of the Radiological Program schedule to Steve Hsu (CDPH) in order to plan and schedule radiological scans and a list of site statuses.	Jim Whitcomb/Navy		Jim Whitcomb/Navy	In Progress.
4	The Navy will provide the Water Board the rad results from the storm water in the frac tanks to determine if that water can be used for dust control.	Navy		Navy	In progress. Ms. Urizar stated that they do not have all of the results yet.